

10/015,637

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☐ 1. Document ID: US 6653463 B1

L1: Entry 1 of 13

File: USPT

Nov 25, 2003

US-PAT-NO: 6653463

DOCUMENT-IDENTIFIER: US 6653463 B1

TITLE: Biocidal protein

DATE-ISSUED: November 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Ching-San	Taipei			TW
Chen; Kuan-Chung	Changhua			TW
Kuan; Cheng-Chun	Taipei			TW
Lin; Ching-Yu	I-Lan			TW

US-CL-CURRENT: 536/23.6; 435/320.1, 435/69.1, 536/23.1, 536/23.5, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 2. Document ID: US 6339185 B1

L1: Entry 2 of 13

File: USPT

Jan 15, 2002

US-PAT-NO: 6339185

DOCUMENT-IDENTIFIER: US 6339185 B1

TITLE: Plant termination sequence

DATE-ISSUED: January 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dobres; Michael S.	Philadelphia	PA		
Mandaci; Sevnur	Gebze-Kocaeli			TR
Willis; Joe W.	Florence	NJ		

US-CL-CURRENT: 800/278; 435/69.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 3. Document ID: US 6171864 B1

L1: Entry 3 of 13

File: USPT

Jan 9, 2001

US-PAT-NO: 6171864

DOCUMENT-IDENTIFIER: US 6171864 B1

**** See image for Certificate of Correction ****

TITLE: Calreticulin genes and promoter regions and uses thereof

DATE-ISSUED: January 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coughlan; Sean J.	Des Moines	IA		
Winfrey, Jr.; Ron J.	Johnston	IA		

US-CL-CURRENT: 435/469; 435/252.3, 435/410, 435/415, 435/416, 435/419, 435/426,
435/428, 435/69.1, 536/23.6, 536/24.1, 800/278, 800/287

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 4. Document ID: US 6069299 A

L1: Entry 4 of 13

File: USPT

May 30, 2000

US-PAT-NO: 6069299

DOCUMENT-IDENTIFIER: US 6069299 A

**** See image for Certificate of Correction ****

TITLE: Fungus and insect control with chitinolytic enzymes

DATE-ISSUED: May 30, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Broadway; Roxanne M.	Phelps	NY		
Harman; Gary E.	Geneva	NY		

US-CL-CURRENT: 800/279; 435/200, 435/252.3, 435/320.1, 435/418, 435/419, 435/468,
435/69.1, 536/23.7, 800/288, 800/298, 800/302, 800/306, 800/307, 800/308, 800/309,
800/310, 800/312, 800/313, 800/314, 800/320, 800/321, 800/323

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 5. Document ID: US 6015891 A

L1: Entry 5 of 13

File: USPT

Jan 18, 2000

US-PAT-NO: 6015891

DOCUMENT-IDENTIFIER: US 6015891 A

**** See image for Certificate of Correction ****

TITLE: Synthetic insecticidal crystal protein gene having a modified frequency of codon usage

DATE-ISSUED: January 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adang; Michael J.	Athens	GA		
Murray; Elizabeth E.	Madison	WI		

US-CL-CURRENT: 536/23.71; 435/440, 435/468

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. D.
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☐ 6. Document ID: US 6013523 A

L1: Entry 6 of 13

File: USPT

Jan 11, 2000

US-PAT-NO: 6013523

DOCUMENT-IDENTIFIER: US 6013523 A

**** See image for Certificate of Correction ****

TITLE: Transgenic plants comprising a synthetic insecticidal crystal protein gene having a modified frequency of codon usage

DATE-ISSUED: January 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adang; Michael J.	Madison	WI		
Murray; Elizabeth E.	Madison	WI		

US-CL-CURRENT: 435/419; 536/23.71

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. D.
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☐ 7. Document ID: US 5744334 A

L1: Entry 7 of 13

File: USPT

Apr 28, 1998

US-PAT-NO: 5744334

DOCUMENT-IDENTIFIER: US 5744334 A

**** See image for Certificate of Correction ****

TITLE: Plant promoter useful for directing the expression of foreign proteins to the plant epidermis

DATE-ISSUED: April 28, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dobres; Michael S.	Philadelphia	PA		
Mandaci; Sevnur	Ardsley	PA		

US-CL-CURRENT: 800/287; 435/320.1, 435/410, 435/419, 435/69.1, 435/70.1, 536/24.1, 800/294

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 8. Document ID: US 5646333 A

L1: Entry 8 of 13

File: USPT

Jul 8, 1997

US-PAT-NO: 5646333

DOCUMENT-IDENTIFIER: US 5646333 A

**** See image for Certificate of Correction ****

TITLE: Plant promoter useful for directing the expression of foreign proteins to the plant epidermis

DATE-ISSUED: July 8, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dobres; Michael S.	Philadelphia	PA		
Mandaci; Sevnur	Ardsley	PA		

US-CL-CURRENT: 800/302; 435/320.1, 435/419, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 9. Document ID: US 5604121 A

L1: Entry 9 of 13

File: USPT

Feb 18, 1997

US-PAT-NO: 5604121

DOCUMENT-IDENTIFIER: US 5604121 A

TITLE: Proteins with insecticidal properties against homopteran insects and their use in plant protection

DATE-ISSUED: February 18, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hilder; Vaughan A.	Durham			GB3
Gatehouse; Angharad M. R.	Durham			GB3

Powell; Kevin	Durham	GB3
Boulter; Donald	Durham City	GB3

US-CL-CURRENT: [424/94.4](#); [424/405](#), [424/418](#), [514/8](#), [536/23.6](#), [536/24.1](#), [800/278](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 10. Document ID: US 5567862 A

L1: Entry 10 of 13

File: USPT

Oct 22, 1996

US-PAT-NO: 5567862

DOCUMENT-IDENTIFIER: US 5567862 A

**** See image for Certificate of Correction ****

TITLE: Synthetic insecticidal crystal protein gene

DATE-ISSUED: October 22, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adang; Michael J.	Madison	WI		
Rocheleau; Thomas A.	Madison	WI		
Merlo; Donald J.	Madison	WI		
Murray; Elizabeth E.	Madison	WI		

US-CL-CURRENT: [800/302](#); [435/418](#), [435/468](#), [435/69.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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dh 19 June 04

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 15:56:08 ON 19 JUN 2004

L1 281 S ARCELIN
L2 9 S SOYBEAN AND L1
L3 9 DUP REM L2 (0 DUPLICATES REMOVED)
L4 81321 S GLYCINE MAX
L5 10 S L1 AND L4
L6 10 DUP REM L5 (0 DUPLICATES REMOVED)

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NEWS 4 May 19 PROUSDDR: One FREE connect hour, per account, in both May
and June 2004
NEWS 5 May 12 EXTEND option available in structure searching
NEWS 6 May 12 Polymer links for the POLYLINK command completed in REGISTRY
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NEWS 8 May 27 STN User Update to be held June 7 and June 8 at the SLA 2004
Conference
NEWS 9 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in CAplus
NEWS 10 May 27 CAplus super roles and document types searchable in REGISTRY
NEWS 11 May 27 Explore APOLLIT with free connect time in June 2004

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AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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=> s arcelin

L1 281 ARCELIN

=> s soybean and l1

L2 9 SOYBEAN AND L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 9 DUP REM L2 (0 DUPLICATES REMOVED)

=> d 1-9

L3 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:120971 CAPLUS

DN 140:177318

TI Plant genes for sequence homologs of phytol kinase of tocopherol
biosynthesis and their use in engineering plant tocopherol profiles and
drought resistance

IN Norris, Susan R.; Lincoln, Kim; Abad, Mark Scott; Eilers, Robert;
Hartsuyker, Karen Kindle; Hirschberg, Joseph; Karunanandaa, Balasulojini;
Moshiri, Farhad; Stein, Joshua C.; Valentin, Henry E.; Venkatesh,
Tyamagondlu V.

PA Monsanto Technology, Llc, USA; et al.

SO PCT Int. Appl., 189 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 2004013312	A2	20040212	WO 2003-US25276	20030805
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,				
	PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,				
	TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ,				
	MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,				
	CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,				
	NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,				
	GW, ML, MR, NE, SN, TD, TG				
	US 2004045051	A1	20040304	US 2003-634548	20030805
PRAI	US 2002-400689P	P	20020805		
	US 2003-634548	A	20030805		

L3 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:777826 CAPLUS

DN 139:287347

TI cDNAs encoding homogentisate prenyltransferase sequence homologs and their
use in improving tocopherol synthesis in transgenic plants

IN Valentin, Henry E.; Venkatesh, Tyamagondlu V.; Karunanandaa, Balasulojini

PA Monsanto Technology, LLC, USA

SO PCT Int. Appl., 217 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003080647	A2	20031002	WO 2003-US8468	20030318
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003213017	A1	20031113	US 2003-391363	20030318
PRAI	US 2002-365202P	P	20020319		
	US 2003-391363	A	20030318		

L3 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:154561 CAPLUS
DN 138:200982
TI Plant genes encoding methyltransferase products involved in tocopherol biosynthesis and their use in transforming plants for modified tocopherol composition
IN Van Eenennaam, Alison; Valentin, Henry E.; Karunanandaa, Balasulojini; Hao, Ming; Aasen, Eric; Levering, Charlene
PA Monsanto Technology LLC, USA
SO PCT Int. Appl., 218 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003016482	A2	20030227	WO 2002-US26047	20020816
	WO 2003016482	A3	20040219		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003154513	A1	20030814	US 2002-219810	20020816
	EP 1427832	A2	20040616	EP 2002-766004	20020816
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
PRAI	US 2001-312758P	P	20010817		
	WO 2002-US26047	W	20020816		

L3 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:737442 CAPLUS
DN 139:256281
TI Expression of chimeric epidermal growth factor fusion with oil body

protein in plant seeds
 IN Moloney, Maurice M.; Van Rooijen, Gijs
 PA Sembiosys Genetics Inc., Can.
 SO U.S. Pat. Appl. Publ., 20 pp., Cont.-in-part of U.S. Appl. 2003 126,631.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 9

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003177537	A1	20030918	US 2002-324131	20021220
	US 5650554	A	19970722	US 1994-366783	19941230
	US 5948682	A	19990907	US 1997-846021	19970425
	US 2003126631	A1	20030703	US 2001-893525	20010629
PRAI	US 1991-659835	B2	19910222		
	US 1993-142418	B2	19931116		
	US 1994-366783	A2	19941230		
	US 1997-846021	A2	19970425		
	US 2001-893525	A2	20010629		
	US 1998-210843	A2	19981218		

L3 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:610132 CAPLUS
 DN 139:175849
 TI Plant genes for sequence homologs of methyltransferases of tocopherol biosynthesis and their use in engineering plant tocopherol profiles
 IN Norris, Susan R.; Lincoln, Kim; Stein, Joshua C.; Valentin, Henry E.; Van Eenennaam, Alison
 PA USA
 SO U.S. Pat. Appl. Publ., 149 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003150015	A1	20030807	US 2002-279029	20021024
	WO 2003034812	A3	20040226	WO 2002-US34079	20021024
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2001-330563P	P	20011025		

L3 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:376457 CAPLUS
 DN 138:380481
 TI Sequences of **soybean** seed specific 7Sa promoters and use for expressing genes in plants
 IN Wang, Qi; Dubois, Patrice
 PA USA
 SO U.S. Pat. Appl. Publ., 38 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003093828	A1	20030515	US 2002-235618	20020905
	WO 2003020016	A2	20030313	WO 2002-US30374	20020905
	WO 2003020016	A3	20040506		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2001-316975P	P	20010905		

L3 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:869049 CAPLUS
DN 137:364398
TI Genetic vector comprising Arabidopsis adenylate transporters and uses in increasing tocopherol in transgenic plant
IN Valentin, Henry E.; Voelker, Toni; Zheng, Wei; Savage, Thomas J.
PA Monsanto Technology LLC, USA
SO PCT Int. Appl., 146 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002090506	A2	20021114	WO 2002-US14445	20020509
	WO 2002090506	A3	20040226		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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	US 2003176675	A1	20030918	US 2002-137310	20020503
	US 2003148300	A1	20030807	US 2002-141478	20020509
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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L1 281 S ARCELIN
L2 9 S SOYBEAN AND L1
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